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DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE

Yellowstone NATIONAL PARK

FILE NO. 143

MONTHLY REPORT

August, 1925

AUGUST, 1925.

September 10, 1925.

Dear Sir:

The following is my report on conditions in the Yellowstone National Park, and on the operation of the Park, for the month of August 1925:

I. GENERAL CONDITIONS

Weather

The following records are quoted from the report for August of the Observer in Charge of the local United States Weather Bureau at Mammoth Hot Springs, Park Headquarters:

TEMPERATURE: Monthly mean, 57.8° , is 3.1° below normal. The temperature was generally below normal, throughout the month, but no unusual extremes occurred, the highest being 82° on the 1st and the lowest 33° on the 25th.

PRECIPITATION: Total, 1.65 inches, is 0.63 inch above normal. Thunderstorms occurred at frequent intervals during the first half of the month, while the latter half was mostly fair, except for a three-day period near the end of the month.

SNOWFALL: None.

WIND: Average hourly velocity 7.4 miles; normal 6.8. The maximum velocity was 37 miles per hour from the southwest on the 15th.

SUNSHINE: Percentage of possible 66; normal 71. There were 9 clear days, 18 partly cloudy and 4 cloudy.

General Road Conditions

(a) In the Park:

As we had, during the month of August, more precipitation than usual, and as some of this precipitation came in unusually heavy storms, the roads were thoroughly soaked at times and difficult to maintain in good condition. However, quite efficient work was done in dragging the roads during these periods, and at the end of the month the entire road system was in rather better condition than at the same time last year, except in places where gravel has been pretty well worn away and has not been replaced owing to lack of funds. It seemed to me that at the end of the month the roads were much smoother than at any time during the season, but the road from Tower Falls toward Mammoth, which was badly cut up in the early part of the season, still looked badly - that is, it looked very much more rough than it really was. I found also on two trips to Moran that the road along the north shore of Jackson Lake was quite badly cut up after rains and looked badly, although it was not so very rough. This section was well graded just before the end of the month.

(b) Approaching the Park: I did not have an opportunity to cover many of the approach roads during the month of August but in conversations with tourists I gained the impression that in general all approach roads were in good condition. I found the Cody road, between Cody and the Park line (on August 5th and 6th) in splendid condition. On August 20-21-22 I traversed a good many miles of highways in the Jackson Hole. The main road from Moran to Jackson, via Jenny Lake, Menors Ferry, the Gros Ventre River, etc., was in good condition except immediately south of Menors Ferry, where the new State highway is not yet completed. On the other hand, I found roads between the Snake River and Wilson, and between Wilson and Menors Ferry on the west side of the Snake, in very bad condition. On August 21 we visited the slide on the north side of Sheep Mountain and five miles up the Gros Ventre River from the Jackson Hole. The road from Menors Ferry to this point was in very poor condition. I am told that the road into the Park from Lander via the Wind River and Two-go-tee Pass was in fine condition all summer except after rains when part of the road, particularly that section near the summit of the mountains, was very slippery.

Trail Conditions

While I was out with the President's Coordinating Committee we covered many miles of the Park trails, and I found them in fine condition. Here and there corduroys and swampy places were in bad shape and one small bridge was in need of repair, but in general the trails were fine. I have had many compliments on the trails in the Park from people who have used them with pack outfits.

General Economic Conditions

There is not much to report under this heading except that the optimistic outlook for good crops in the States surrounding the park is still present. Harvesting is in progress, and although excessive rain has done some damage it looks as if in general hopes for good returns from the crops will be realized. Wyoming got more moisture during August, which helped its situation considerably, and I am told that this is also true in Idaho. Montana, however, is a State that is particularly fortunate this year in the way of improved economic conditions, especially in the field of agriculture.

Labor and Supply Conditions

With increasing difficulty we kept our crews recruited to full, or nearly full strength, during the month. Many of the crews were called in at the end of the month, and it was well that this was done because men began to show signs of unrest and a lot of them were quitting toward the last few days of the month. It is going to be difficult to keep men in this country during September because of the unusually stormy weather. Men will not work in Yellowstone after the fall storms begin unless they are badly in need of money or are old timers here accustomed to the quick changes in weather conditions.

Travel for the Month

The total travel to September 1st is 141,526 as compared with 132,430 last year, and 126,011 to September 1st 1923. The total rail travel is 39,723 as compared with 36,401 last year and 39,613 to September 1st, 1923.

Private automobile travel this season to date consists of 101,109 persons in 30,796 cars, as compared with 96,029 persons in 28,705 cars last year, and 86,375 persons in 25,216 cars to September 1st of the year next preceding.

Private automobile travel by entrance stations to September 1st reads as follows:- East Entrance 10,858 cars, West Entrance 9,254 cars, North Entrance 8,126 cars, and South Entrance 2,558 cars.

The total travel by entrance stations this season to date consists of 40,849 persons at the North Entrance, 49,619 at the West Entrance, 42,653 at the East Entrance and 8,405 at the South Entrance.

Rail travel to September 1st by entrance stations is reported as follows:- North Entrance 14,443, West Entrance 18,479, East Entrance 6,721 and South Entrance 80.

The record day's travel this season occurred on July 21st; 2,693 people entered the park on this date as compared with 2,660 on

July 22nd last year and 2,859 (the largest day's travel in the history of the park) on August 7th, 1923.

Daily entrance travel in excess of 2,000 occurred on 37 days this season as compared with 17 days last year. The greatest number of automobiles entering the Park on a single day was 527 on July 7th this year. The previous car record of 502 on July 22, 1923, has been exceeded on two other days this season, namely, August 5th, with 521 and August 6th with 506.

The record day for entrance autos at a single gateway for the season of 1925 was 233 at the East Entrance on July 7th. The previous high record was 222 at the East Entrance on July 5th, 1924. The total entrance travel at the South gate to September 1st was 8,405 as compared with 9,355 last year and 13,641 to September 1st, 1923.

The travel report of the Chief Ranger for August 1925 and a table of comparative figures to September 1st for the seasons of 1923, 1924 and 1925 are included herein; also a statement of automobile travel by states.

Train Service: There was no change in train service to the various Park entrances during the month. No delays in arrival or departure of trains were reported to this office, and I believe that all trains arrived and departed on schedule.

Service to the Public

The observations I made in my July report in regard to service to the public by the utilities of the Park and by the Government organization might well be repeated as applying to service during August. Certainly service of all kinds to the public has been better this year than in the past. We have had a great many more compliments and these have been more richly deserved. I want to comment again upon the operations of the transportation line which has been particularly gratifying to me. The Company made a special effort to see that their men learned more facts about the Park and imparted these facts to the public. We had very little trouble with drivers from any standpoint. As to hotel service, there were a few complaints about food at the Lake Hotel and against the head waiter at that hotel, who is occasionally discourteous. Orders have been given not to reemploy this head waiter next year. In general, however, the Lake Hotel was operated very efficiently - far better than during any previous years.

In the permanent camps we had a few more complaints against the Old Faithful Camp and against the delicatessen and lunch counter maintained by the Camps Company in the Old Faithful public camp grounds. I do not know

what was the matter with the operations of this camp except that it appears that the manager lost interest in her work and did not keep that camp up to its usual high standard.

The public auto camps maintained by the Government have been in good condition with the possible exception of the grounds at Mammoth Hot Springs, where our facilities were not up to our usual high standards during the early part of the month, owing to our inability to get a good man to care for these grounds. Taking everything into consideration, I regard all operations both of the public utilities and of the Government as having been successful during the month of August, and it can truthfully be said that they were conducted on a high plane of public service, and that with exceptions that are almost negligible visitors to the Park were highly pleased.

Special Visitors

Congressional visitors: On August 6th at Cody I met the members of the Interior Department sub-committee of the Appropriations Committee of the U.S. House of Representatives. In this party were Honorable L. C. Cramton, Congressman from the 7th Michigan District, and Chairman of the sub-committee, Honorable Frank Murphy, Congressman from the 18th Ohio District, member of the sub-committee, and Mr. F. J. Bailey, Assistant Director of the Bureau of the Budget. In this party were also Mr. T. W. Brown, Secretary to Director Mather, Mr. F. J. Cramton, brother of the Chairman, Mr. Read Adams, a friend of the Chairman, Mrs. Niels Juul and Mrs. Sorlund, friends of Congressman Murphy. Mr. Cramton's brother and friends of Mr. Murphy met the committee at Cody, not having theretofore traveled with them. Honorable C. E. Winter, Congressman from Wyoming, also met us at Cody on the night of the 6th. This party toured the Park, spending the night of the 7th at Canyon Hotel, 8th at Old Faithful Inn, 9th at the Canyon, and on the 10th reached Park headquarters. That night Congressman Murphy left for the East. On the 13th Messrs. Bailey and Brown left via the Northern Entrance. Mr. Cramton and his family, on the 14th, went into camp near Camp Roosevelt and Congressman Winter joined the President's Coordinating Committee on the trip into the territory proposed to be added to the Park.

At Cody on the 6th and the morning of the 7th of August I met Honorable H. W. Temple, Congressman from the 25th Pennsylvania District, and Chairman of the President's Coordinating Committee, and Colonel B. F. Chestnut, connected with the President's Outdoor Recreation Council. These two gentlemen came to the Park with the Appropriations Committee party. On the night of the 8th at Old Faithful Inn Colonel W. B. Greeley, Chief of the Forest Service, Barrington Moore, member of the President's Coordinating Committee, and Arthur Ringland, Secretary to the Committee, joined the party, having come in that day from Cody. On the 10th at Mammoth Hot Springs Director Mather and Major W. A. Welch, members of the Coordinating Commission, joined the party, having arrived via the Northern Entrance

from Glacier Park. As these various members of the Coordinating Commission joined us they continued on the tour of the Park with the Appropriations Committee so that the two parties were kept together all the way around. On the morning of August 12th the Coordinating Commission, accompanied by several Forest Service officials and Chief Ranger Woodring and me, started on the tour of inspection of the area proposed to be added to the Park. This inspection will be discussed in another place. The President's Coordinating Commission left Jackson on August 22 for Salt Lake City while I returned to the Park. Congressman Winter returned to Casper via the Lander route.

Hon. Milton W. Shreve of the 29th Pennsylvania District, and Hon. Anthony J. Griffin of the 22nd New York District, members of the Sub-Committee of the House Appropriations Committee in Charge of Commerce, Labor, State and Justice Bill, entered the Park via Cody on August 29th and left via Gardiner on September 2, after making a complete tour of the Park. They were accompanied by Mr. Paul Malone, Clerk of the Sub-committee.

Hon. Scott Leavitt, Congressman from the 2nd Montana District, visited the Park with the Montana Press Association August 28-31 inclusive, entering and leaving via Gardiner.

Hon. Edward E. Browne, Congressman from the 8th Wisconsin District, accompanied by his son, Tom, made the regular tour of the Park, entering and leaving via West Yellowstone August 23-27 inclusive.

Hon. Morris H. Thatcher, Congressman from the 5th Kentucky District, member of the Appropriations Committee, accompanied by his wife, entered the Park at Gardiner on August 23, made the tour of the Park, and left via Cody on the 26th.

Hon. James T. Bogg, Congressman from the 13th Ohio District, accompanied by his wife and son, entered the Park at Gardiner on August 23rd and left via the same gateway on August 25th.

On August 28 three members of the Sub-committee of the Senate Committee on Public Lands, investigating the administration of the Public Domain, entered the Park at the western entrance and left via the northern gateway on the night of August 30. The night of the 28th was spent at Mammoth Hotel and the night of the 29th at Canyon Hotel. Hearings were held in Gardiner on the 29th. On the 28th the Committee inspected the Upper Geyser Basin region and the road to Mammoth Hot Springs, and on the 30th inspected the Grand Canyon, went out to the Buffalo Ranch and thence to Gardiner. The senators composing the Committee were Hon. R. N. Stanfield of Oregon, Chairman, Honorable Tasker L. Oddie of Nevada, and Honorable R. H. Cameron of Arizona. There were 11 members in the party, including the counsel and stenographers.

Hon. Frank W. Mondell, former Congressman from Wyoming, accompanied by Mrs. Mondell, toured the Park August 20 to 23 inclusive, entering via Cody and leaving via the Southern Gateway.

Mr. and Mrs. Ted Ellis were in the Park August 31 to September 5. Mrs. Ellis is the daughter of United States Senator Butler of Massachusetts.

Department Officials:

Honorable John H. Edwards, Assistant Director of the Interior Department, visited the Park early in the month entering at Cody on the 11th and leaving via Gardiner on August 15.

Honorable Stephen T. Mather, Director of the National Park Service, arrived via the Northern Entrance on the 10th and left via the Hoback Canyon route from Jackson, Wyo., on the 22nd.

Other Federal Officials:

Dr. C. C. Pierce, Senior Surgeon of the U.S. Public Health Service, mentioned in the July report, left via the Northern Entrance on August 4, after being in and around the park since July 23.

Dr. E. A. Goldman, of the Bureau of Biological Survey, was in the Park July 31 to August 2nd, entering via Gardiner and leaving via Cody.

J. E. Hoover, Director of the Bureau of Investigation of the Department of Justice, entered Gardiner August 13 and left via the same gateway on August 17. Mr. Hoover succeeded W. J. Burns as head of the Bureau of Investigation.

Major General Hugh L. Scott, former Chief of Staff of the Army and now a member of the Board of Indian Commissioners, and Chairman of the New Jersey State Highway Commission, entered the Park at the Southern Gateway on August 3 and left the Park via Cody Gateway on August 6th. General Scott was accompanied by Mrs. Scott and the agent of the Wind River Indian Reservation and his wife.

Other Officials:

Honorable Samuel J. Harris, Justice of the Supreme Court of New York, residing at Buffalo, was in the park from about July 24 to August 15. We do not have the exact date of his departure.

Honorable Frank G. Stringham, Mayor of the city of Berkeley, Calif., accompanied by Mrs. Stringham, was in the Park from August 20 to August 25 inclusive, entering and leaving via the Western Entrance.

William C. Adams, Director of the division of Fish & Game of the Department of Conservation of Massachusetts, entered at the Southern Gateway on August 30 and left on September 1 via Gardiner.

Mr. Seth E. Gordon, Executive Secretary of the Board of Game Commissioners of Pennsylvania, entered the Park with Mr. Adams on August 30 and left via West Yellowstone on September 1st.

Mr. A. A. Sanders, State Fish & Game Warden of Wyoming, accompanied by Mrs. Sanders, was in the Park August 30 to September 1 inclusive, entering and leaving via the Southern Gateway.

Mr. Raymond H. Torrey, Field Secretary of the National Conference on State Parks, was here August 6-9 inclusive, entering via West Yellowstone and leaving via Gardiner.

General James A. Drain, National Commander of the American Legion, was in the Park August 11 and 12, entering via the Cody Gateway and leaving via West Yellowstone.

Railroad Officials:

Mr. Charles Donnelly, President of the Northern Pacific R.R., accompanied by Mr. E. W. Winter, former President of the Northern Pacific, and Mr. E. W. Decker, Director of the Northern Pacific and Burlington Railroads, toured the Park August 4 to 6 inclusive, entering and leaving via Gardiner.

Mr. Hale Holden, President of the C. B. & Q. R. R., entered at Gardiner on August 4, toured the Park and left via Cody on the 5th. This was Mr. Holden's first trip in the Yellowstone.

Mr. E. F. Benson, Agricultural Development Agent of the Northern Pacific, spent August 30th at headquarters. He came here to greet the Senate Investigating Committee.

Mr. C. M. Bradshaw, General Manager of the C. M. & St. Paul, was in the Park on the 12th and 13th. He entered and left via West Yellowstone.

Mr. G. W. Harris, Assistant Chief Engineer of the Santa Fe System, toured the Park early in the month.

Writers, Publicity Experts, etc.:

Mr. Merle Thorpe, Editor, Nation's Business, the magazine of the U.S. Chamber of Commerce, was in the Park and at Cooke City from August 10 to September 4 inclusive. He was accompanied by Mrs. Thorpe and their two sons.

Mr. B. F. Lawrence, General Manager of the Indianapolis Star, accompanied by Mr. and Mrs. John G. Kirkwood, were in the Park from August 2nd to 6th inclusive, entering and leaving via West Yellowstone.

Miss A. W. Reall, Associate Editor of the Saturday Evening Post, was in the Park and at Cooke City August 18th to September 1st, accompanied by her friend, Miss Thomas. She entered at Gardiner and left via Cody.

Mrs. Riddell, Art Editor of the Post, mentioned in our July report, left on the 13th via Gardiner.

The Montana Press Association, after holding its annual convention at Livingston on August 27th, toured the Park August 28th to 30th inclusive, spending the night of the 28th at Old Faithful Inn and the night of the 29th at Canyon Hotel and Camp. All of the prominent editors in the State of Montana were in this party, but I do not at this time have a list of the names of the editors to submit.

Scientists:

Dr. E. T. Allan of the Geophysical Laboratory, mentioned in our July report, completed his work and left the Park via Gardiner on August 29th.

Dr. S. A. Barrett, Director of the Milwaukee Public Museum, accompanied by Mr. Ira Edwards, Curator of Geology, and Mr. George Peter, Chief Artist, were in the Park July 30th to August 14th inclusive. They entered and left via Gardiner.

Dr. Allen D. Hole, head of the Department of Geology of Earlham College at Richmond, Ind., had a party of students in the Park doing research work from August 3rd to 21st inclusive. They entered via Gardiner and left via West Yellowstone.

Other Notable Visitors:

Mr. Cornelius Bliss and family were in the Park and at Silver Tip Ranch from August 4th until the end of the month. Mr. Bliss is the son of Honorable Cornelius Bliss, Secretary of the Department of the Interior in the McKinley administration.

Mr. Thomas Cochran, member of the firm of J. P. Morgan and Company, and the man who bought the Silver Tip Ranch in the interest of game conservation, was in the Park and at the Silver Tip Ranch from August 4th until the end of the month. He and his party left via Gardiner on September 5.

Dr. Frank R. Oastler and Mrs. Oastler, who are devoted to the interests of the National Parks, entered the Park via Gardiner August 26th, toured the Park under the guidance of Chief Naturalist Ansel Hall, and left via Gardiner on September 3.

Mr. Heber J. Grant, President of the Mormon Church, accompanied by Mrs. Grant, toured the Park in their own car, entering at West Yellowstone on the 23rd and leaving via the South Gateway on the 25th.

Mr. E. K. Hall, Vice President of the American Telephone & Telegraph Company, accompanied by his wife and a party of friends, were in the Park from August 6th to 9th inclusive.

Mr. Charles E. Swen, stenographer to the late President Wilson throughout his term, and for many years the fastest shorthand writer in the world, accompanied by his wife, visited the Park August 24th and 25th.

Mr. Charles W. Farnham, who has contributed considerable material to the Museum and who is an old timer in this country, was in the Park at Cooke City from July 29th to August 5th.

Mr. W. S. Wheeler, Vice President of the Campbell Soup Company, Philadelphia, and long interested in the welfare of Yellowstone Park, entered at Gardiner on August 25th and went to the Madison Fork Ranch near the Western Entrance. He was accompanied by Mrs. Wheeler.

Special Parties:

The Montana Press Association has been mentioned above. The Wyoming Motor Club held a convention at Mammoth Hotel August 14th and 15th. The Wyoming Press Association was supposed to meet at the same time but it appears only a few members of either organization came to the Park. I was away at the time and I have no report on what happened.

During the early part of the month there were many parties of Knights Templar en route home from the Seattle conclave who made the regular tour of the Park. There were also many other parties, the members of which had been attending conventions on the Coast.

II. ADMINISTRATION OF THE PARK

Inspections of the Park - By the Superintendent:

During most of the month of August my time was taken up with trips of inspection and investigation in company with three different committees - the sub-committee of the Appropriations Committee in Charge of Interior Department appropriations, the President's Coordinating Committee on National Parks and National Forests which inspected the area that it is proposed to add to Yellowstone Park, and the sub-committee of the United States Public Lands Committee, which is investigating the administration of the Public Domain.

The following is a brief resumé of my trips away from headquarters: On August 2 I visited the Buffalo Ranch and inspected the road to the northeastern corner, known as the Cooke City road. I also inspected the ranger stations en route - Tower Falls, Soda Butte Cabin, and the station at the northeast corner. On August 5 I left for Cody to meet the Appropriations Committee and on the 6th went on from the Lake Hotel to Cody. From that date until the night of the 11th I was with this committee inspecting the park, improvements and utilities. On the 12th I left with Director Mather for the Upper Yellowstone country, and at the southeast arm of Lake Yellowstone joined the President's Coordinating Committee which had taken an earlier boat. From the 12th until the afternoon of the 22nd I was with this committee on inspection of the area proposed to be added to the park, and attended meetings at Moran and Jackson on the 19th, 20th, 21st and 22nd. I returned to the Lake Hotel on the night of the 22nd. On the 23rd I inspected the east side of the park, also road construction work at Bluff Point, and along the Lake Shore, reaching headquarters late on the night of the 23rd. On the 27th I went to West Yellowstone where I stayed until the morning of the 28th when the sub-committee of the Senate Public Lands Committee arrived. On the 28th with the committee I visited the geyser basins, showed them all of our operations in the western part of the park and reached Mammoth Hot Springs in the evening. On the 29th hearings were held at Gardiner. A special report on these hearings and on the visit of the Senate Committee has already been submitted under date of September 3rd. On the 30th, with the Senate Committee, I visited the Buffalo Ranch. I was again at the Buffalo Ranch on the 31st. I inspected that ranch and the hay ranches in the Slough Creek district and spent the night in the Slough Creek country. During the month I was at headquarters only eight full days and parts of three other days.

Inspections and Investigations by Congressional Parties:

Appropriations Committee: A sub-committee of the Appropriations Committee of the House of Representatives arrived at Cody on the evening of August 6th and the next day came into the Park under my guidance. In this party were Honorable L. C. Cramton, Chairman of the Interior Department

Sub-committee, Honorable Frank Murphy, Member of the Committee, and Mr. F. J. Bailey, Assistant Director of the Bureau of the Budget. This party spent the night of the 7th at the Canyon Hotel after inspecting the Cody road and fishing a while at Lake Yellowstone. On the 8th the party inspected the Grand Canyon region and went thence to Old Faithful Inn where the afternoon and evening was spent on inspection of the Upper Geyser Basin region. On the 9th the party visited Moran at the foot of Jackson Lake, inspected the roads enroute and got a view of the Tetons which it is proposed to add to the Park. The party returned to the Canyon Hotel for the night. On the 10th a trip was made over Mt. Washburn and into Mammoth Hot Springs by way of Camp Roosevelt. The night was spent at headquarters. On the 11th most of the day was put in inspecting the headquarters plant, the public utilities in this vicinity and the North Entrance. The party broke up at headquarters, Congressman Cramton going into camp, Congressman Murphy leaving for home in Ohio and Mr. Bailey going on on the 13th to Washington.

President's Coordinating Commission: This commission, composed of Honorable H. W. Temple, Congressman from Pennsylvania, Chairman, Dr. Barrington Moore of New York, Major W. A. Welch, General Manager of Palisades Interstate Park, New York, Colonel W. B. Greeley, Chief of the U.S. Forest Service, and Honorable Stephen T. Mather, Director of the National Park Service, inspected the Park and the area proposed to be added to the Park. In the party were also Colonel B.F. Cheatham, representing the President's Outdoor Recreation Council, and Arthur Ringland, Secretary of the Committee. Most of the members of this committee toured the Park with the Appropriations Sub-committee, having entered at Cody. Director Mather and Major Welch, however, entered at Gardiner on the 10th. This Commission, accompanied by the Superintendent and the Chief Ranger of the Park, and by Supervisor A. C. McCain of the Teton National Forest and District Forester R. H. Rutledge went into camp at the northeast arm of Lake Yellowstone near the mouth of Beavertown Creek on the night of the 12th. On the 13th the party rode to camp on Bridger Lake, on the 14th up Falcon Creek to the Continental Divide thence to a high point overlooking the Upper Yellowstone Valley and finally into camp at Two Ocean Pass. On the 15th they went from Two Ocean Pass up Pacific Creek to its headwaters thence on to a divide where the watershed of the Buffalo Fork of the Snake could be observed, thence to camp on Enos Lake. Sunday, the 16th, was spent in camping at Enos Lake. On Monday, the 17th, the party moved from Enos Lake over to Pacific Creek thence up Mink Creek to its headwaters, thence over Big Game Ridge to the head of Gravel and Wolverine Creeks, thence to camp on the big meadows of Wolverine Creek; on the 18th down Wolverine Creek to Coulter, thence to the Snake, thence back up Coulter and Rodent and over the Divide to Brown's meadows at the head of Arizona Creek. On the 19th the party rode across from the head of Arizona Creek to

the head of Pilgrim Creek and down Pilgrim to the Moran road, thence to Jackson Lake Lodge where the last camp was made.

A hearing on the park extension plan was held at Moran on the night of the 19th. On the 20th the party visited Jenny and Leigh Lakes in the Tetons, took lunch at the Bar B C Ranch, visited the big landslide on the Gros Ventre River, and spent the night at the J Y "Dude Ranch" on Phelps Lake. On the 21st the party went into the town of Jackson for lunch and in the afternoon inspected the Biological Survey elk ranch, the lands recently purchased by the Izack Walton League and the country south of Jackson. A hearing on the Teton extension plan was held that night in Jackson. On the 22nd the Commission held an executive session on the Teton extension plan and reached a unanimous decision that the Tetons and the country at the headwaters of the Yellowstone should be added to the Park and that the other line adjustments around the north and east sides should be approved but that the country lying between the Upper Yellowstone and the Tetons should not be added to the Park. The Committee left on the afternoon of the 22nd for Salt Lake City via the Hoback Canyon road.

Senate Public Lands Committee: This Committee, composed of U.S. Senator R. H. Stanfield of Oregon, Chairman, and Senators T. L. Oddie of Nevada and R. H. Cameron of Arizona, arrived at West Yellowstone on the morning of August 28th. They spent that day inspecting the Upper Geyser Basin region and came into Mammoth Hot Springs for the night. On the 29th they held hearings regarding the administration of the Park. These hearings were held at Gardiner. After the hearings were over the party went to the Canyon Hotel for the night. On the 30th the region about the Grand Canyon of the Yellowstone was inspected, and taking a lunch with them the members of this party went over the top of Mt. Washburn and out to the Buffalo Ranch where they got a view of the big Lamar River Buffalo Herd. Late in the afternoon the party went back to Mammoth Hot Springs and went thence to Gardiner where they took the evening train for Helena. A full report on the visit of this committee was submitted on September 3rd.

Personnel

Employees: On August 1st there were 120 appointed employees on the payrolls and on August 31st there were 116. The following list shows the number of appointees of various classes serving during the month, with a general statement of the kind of work in which they were engaged:

<u>No.</u>	<u>Class</u>	<u>Kind of Work Performed</u>
1	Superintendent	General administration and supervision of all activities in the park.
2	Assts. Supt.	1 in charge of administration, purchasing, disbursing; 1 in charge of property, equipment, transportation, cost accounts, inventories, etc., also acting as Assistant to Supt. in capacity as Field Asst. to Director.
2	Asst. Engineers	1 in charge of engineering work; 1 assisting.
8	Clerks	1 Cost Accounting Clerk; 1 Personnel-File Clerk; 1 Clerk on orders, proposals and vouchers; 1 Clerk on timekeeping and payroll work; 2 stenographer-typists on Superintendent's correspondence and handling miscellaneous work on administrative side of office (one temporary); 1 Clerk assisting Cost Clerk (temporary); 1 Clerk assisting Timekeeper and Voucher Clerk (temporary).
3	Electricians	Operated power plant, regular shift, including Sundays, read meters, did necessary line work.
3	Foremen	1 in charge of headquarters corral and freighting about headquarters; 2 on road work.
3	Telephone Switchboard Operators	2 permanent operators; 1 WAB operator for intermittent service.
1	Master Mechanic	In charge of shops and of repair to machinery.
2	Blacksmiths	General blacksmith work, including shoeing of horses in shop, repairing tools and equipment.

1	Master Plumber	In charge of general plumbing and water and sewer systems.
2	Auto Mechanics	1 on duty in power plant; 1 on repair work.
3	Laborers	Teaming, freighting, assisting mechanics, and miscellaneous work about headquarters.
1	Steward & Master of Transportation	In charge of all transportation and of storehouses.
1	Chief Buffalo Keeper	In charge of hay ranch operations and of Lamar Buffalo Herd.
1	Asst. Buffalo Keeper	In charge of Hay ranch operations at Slough Creek.
1	Buffalo Herder	Assisting Buffalo Keeper. (Furloughed).
1	Park Naturalist	Scientific research work and developing museum.
1	Chief Park Ranger	In charge of ranger force.
1	1st Asst. Ch.Pk.Ranger	In charge of Northern District.
1	Asst.Ch. Park Ranger	On duty at Lake District.
26	Park Rangers, 20 WAE	Patrolling, protecting game and miscellaneous duties.
53	Park Rangers, temporary	Patrolling, handling tourist traffic, building trails, fire lookout, lecture, guide, information, duty in Chief Ranger's Office, miscellaneous duties under direction of station chiefs; and motorcycle patrol.

Leaves of Absence

Sick Leave

Charles A. Brant, Field Steward & Master of Transportation, Aug. 21-25, 5 days.

Annual

William I. Davis, Assistant Engineer, August 1-2, 2 days.

Nelson E. Hall, Park Ranger, August 21-22, 2 days.

Appointments

Luther L. Bohannon, Park Ranger, \$1200 per annum and quarters, WAE, August 1.
Wallace D. Keown, Park Ranger, \$1200 per annum and quarters, WAE, August 1.

Separations

August C. Neumann, Master Painter, \$1860 per annum and quarters, WAE,
resigned close of August 1, 1925.

Park Rangers:

William W. King,	\$1440	per annum and quarters, WAE,	furloughed August 11, 1925.
Franz J. Montgomery,	\$1200	per annum and quarters, "	" " " 6, 1925.
Irving P. Wiltse,	\$1440	" " " " " "	" " " 22, 1925.
Glenn A. Wilcox	\$1440	" " " " " "	" " " 19, 1925.
Horace A. Hildreth	\$1440	" " " " " "	" " " 31, 1925.
Eugene K. Taggart	\$1440	" " " " " "	" " " 31, 1925.
Robert L. Wilson	\$1440	" " " " " "	" " " 31, 1925.
Frank W. Mondell	\$1440	" " " " " "	" " " 31, 1925.
Leland Glasgow	\$1440	" " " " " "	" " " 31, 1925.
Elmer A. Kell	\$1200	" " " " " "	" " " 31, 1925.
Edward H. Rynearson	\$1440	" " " " " "	" " " 31, 1925.
Douglas McMurray	\$1440	" " " " " "	" " " 31, 1925.

Office Force Activities:

During the month of August 2043 pieces of official mail were
received and 2206 were sent out.

Information Office:

Visitors at the Information Office and Museum during the month
totaled 12,725, as compared with 12,528 for August last year, and 14,049
for August 1923.

Publications:

The sales report of the Information Office during the month
with comparative figures for August last year is given in detail as follows:

Article	: 1924 :		: 1925 :	
	: Number :	: Amount :	: Number :	: Amount :
	: Sold :		: Sold :	
<u>Government publications:</u>				
Bulletin A #611	: 18 :	: 9.00 :	: 18 :	: 9.00 :
Bulletin B #612	: 4 :	: 2.00 :	: 8 :	: 4.00 :
Fishes	: 90 :	: 4.50 :	: 191 :	: 9.55 :
Fossil Forests	: 273 :	: 27.30 :	: 705 :	: 70.50 :
Glimpses	: 165 :	: 16.50 :		
Geysers	: 423 :	: 42.30 :	: 911 :	: 91.10 :
Geological History	: 506 :	: 50.60 :	: 944 :	: 94.40 :
Portfolios	: 133 :	: 133.00 :	: 1039 :	: 1039.00 :
U.S.G.S. Maps	: 69 :	: 17.25 :	: 89 :	: 22.25 :
Panoramic Views	: 26 :	: 6.50 :	: 15 :	: 3.75 :
Transcontinental AAA	: 1 :	: 2.00 :		
Sub-total.....	1708	: 310.95 :	3920	: 1612.55 :
<u>Miscellaneous:</u>				
American Antelope	: 16 :	: 4.80 :	: 10 :	: 3.00 :
Bridger, James			: 3 :	: 30.00 :
Bears of the Yellowstone			: 11 :	: 27.50 :
Chittenden, Y.H.P.	: 23 :	: 57.50 :	: 64 :	: 160.00 :
Foolish Questions	: 19 :	: 9.50 :	: 48 :	: 24.00 :
Haynes' Guide Book	: 153 :	: 114.75 :	: 188 :	: 141.00 :
Nature Book	: 10 :	: 25.00 :	: 10 :	: 25.00 :
Truthful Lies	: 50 :	: 25.00 :	: 53 :	: 26.50 :
Trees and Flowers	: 33 :	: 24.75 :	: 7 :	: 5.25 :
Trees and Shrubs	: 3 :	: 1.80 :	: 2 :	: 1.00 :
Winter in Geyserland	: 7 :	: 3.50 :	: 4 :	: 2.00 :
White Bar Elk	: 19 :	: 2.85 :	: 12 :	: 1.80 :
Sub-total.....	333	: 269.45 :		
Langford's Discovery (\$1.50)			: 16 :	: 24.00 :
Langford's Discovery (.75)			: 28 :	: 21.00 :
Sub-total..			499	: 489.35 :
Total.....	2041	: 580.40 :	4419	: 2101.90 :

Finances:

Costs of Operation, etc.: The cost of operating the park for the month of August 1925, will be shown in the Monthly Cost Accounting Report which will go forward as soon as prepared.

Revenues:Sale of Miscell-
Electricity aneousTotal

Certified Check #839, dated
Aug. 6, 1925, drawn by Freda D.
Whittaker on the National Park
Bank, to Leroy Hill, amount.....\$ 76.75

Certified Check #483, dated
Aug. 8, 1925, drawn by J. E.
Haynes on the First National
Bank of St. Paul, to Leroy
Hill, amount.....\$ 4.20

Certified Check #462, dated
Aug. 6, 1925, drawn by J. E.
Haynes on the First National
Bank of St. Paul, to Leroy
Hill, amount.....46.20

Certified Check #327, dated
Aug. 27, 1925, drawn by W.M.
Nichols on the National Bank
of Montana, Helena, Mont., to
Leroy Hill, amount.....42.00

Certified Check #761, dated
Aug. 13, 1925, drawn by Anna K.
Pryor on the National Park
Bank, Livingston, Mont., to
Leroy Hill, amount.....43.35

Certified Check #846, dated
Aug. 11, 1925, drawn by Freda D.
Whittaker on The National
Park Bank, Livingston, Mont.,
to Leroy Hill, amount.....12.95

Certified Check #866, dated
Aug. 18, 1925, drawn by Freda D.
Whittaker on The National Park
Bank, Livingston, Mont., to
Leroy Hill, amount.....9.35

Certified Check #81, dated
Aug. 15, 1925, drawn by John J.
Moore on Gardiner State Bank,
Gardiner, Mont., to Leroy Hill.. 325.00 \$559.80

	<u>Sale of Electricity</u>	<u>Miscell- aneous</u>	
Brought forward.....			\$ 559.80
Certified check #440, dated Aug. 19, 1925, drawn by H.W. Child on The National Bank of Montana, Helena, Mont., to Leroy Hill, amount.....	\$ 606.49		606.49
Sale of Automobile & Motorcycle Permits.....		\$104,074.82	
Total.....		\$105,241.11	

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Plans, Maps and Surveys

Under this heading should be recounted the beginning of work on an automatic gauge installation for measuring the waters of the Lamar River. This work is being done in cooperation with the United States Geological Survey, and the work is in charge of Mr. Vestch, one of the hydrographic engineers of the Survey.

Commissary & Transportation Dept.

The Commissary employees were engaged in issuing rations, forage and supplies to all road and construction camps in the Park. The Transportation Department hauled rations, forage, cement, lumber and supplies to all road camps and ranger stations in the Park; moved road camps, and hauled T.H.T. to Dunraven Pass for spring snow removal.

III. MAINTENANCE OF IMPROVEMENTS AND FACILITIES

Grounds

The Foreman of Grounds and Stables reports the following employees on duty in his department during the month: 1 irrigator, 3 lawn boys, 3 men tearing down buildings, 1 man cleaning camps, 2 men and 2 teams doing general freighting about headquarters and working about public auto camp.

General Road Maintenance

All of the 24 small road maintenance crews continued work during the month on their particular sections except the West Gallatin crew which was taken off on August 13th. On the whole the roads were in better condition than in July, partly due to the fact that frequent rains permitted the drags and graders to be used with good effect.

There is nothing of special mention to report on maintenance except Freeberg's crew in the Shoshone Forest and Hammon's crew in the Teton Forest. The Shoshone Forest crew in addition to regular maintenance work completely graveled across the Moss Creek Flat about 2000 feet in length; removed a log jam in Grinnell Creek and another in the Shoshone River near Clocktower Creek; straightened the Elk Fork channel below the bridge by blasting and placed 142 linear feet of 12-inch corrugated iron culvert pipe. The Teton Forest crew widened 1/2 mile of road north of Pine Creek; ditched and partly graveled the long grade south of Pine Creek; planked the 80 foot log bridge 1-1/2 miles south of Pine Creek and regraded and thoroughly ditched the 2-1/2 mile grade north of Lizard Creek.

Road Sprinkling

Sprinkling the Park roads was continued during the month, covering approximately 107 miles twice daily, requiring the use of the following equipment: Nine motor sprinklers, six 4-horse sprinklers and two 2-horse sprinklers. Due to engine and other troubles very poor service was had from the motor sprinklers this month. Some of the drivers quit without notice, causing several days delay before their places could be filled, and in two instances new drivers could not be hired, resulting in a tie-up of these two sprinklers for the remainder of the season.

The cost of sprinkling with motors is considerably less than with teams but the results obtained this season are so poor in comparison that it is a question whether we should continue with the trucks or return to the horse drawn sprinklers, at least in two or three places where the trucks are too old to be operated efficiently.

A crew of four men made repairs and improvements to the sprinkling system. Nine old supply tanks were replaced with new 1600 gallon redwood tanks, 810 feet of flume built, 80 feet of 1-1/4 inch pipe laid, 270 feet of 1-inch pipe laid and 16 feet of 3-inch pipe laid.

Trails

Fifty-five miles of maintenance and repair was done on the trail from Mariposa Lake to Squaw Lake - south District - during the month.

Bridges

The following bridges were painted during the month; one over the Firehole River 1/2 mile above Old Faithful, Crawfish Creek, Snake River, 3 over the Shoshone River in the Shoshone Forest, Heron Creek, and the high steel bridge over Cascade Creek at the Canyon was about half finished.

Electrical & Telephone Systems

The following work was done by the Electricians under the direction of the Chief Electrician during the month:

Wired Thumb Ranger Station for electric lights; wired 2 comfort stations at Thumb for electric lights; put in wiring for 3 baseboard receptacles in Edwin's quarters; set 10 new cedar poles for new power line to Mr. Hill's quarters; took out fixtures, meters and phones in old Beehive Building; reset 360 poles and pulled up slack wire on Lake to Thumb telephone line; reset 460 poles and pulled up slack wire Thumb to Snake River Station telephone line.

Operation of Power Plant: The Power Plant was operated in the usual manner. It was run constantly with the results shown in comparison with those of August 1924, as follows:

	1924	1925
Total current generated, in KWH	61,050	88,140
Of this, sold to public operators at 5¢/KWH	23,795.46	27,340.4
Consumed for street lighting	1,007.	1,157.
Balance, consumed for power and lighting in Government buildings, and lost on lines in transit	36,248.54	59,642.6
Peak loads during month in KWH - occurred at 8 a.m. August 11th - no record of August 1924.	160	188

Operation of Telephone Office: The Telephone and Switchboard Office was open daily from 6:30 a.m. to 12:00 midnight. The total business handled was as follows:

	<u>1924</u>	<u>1925</u>
On Government local lines.....	21,253	21,143
On Hotel Company lines.....	2,385	2,577
Long Distance Connections.....	529	616
	<u>24,167</u>	<u>24,336</u>

Water and Sewer Systems

The work accomplished during the month of August by the Master Plumber and his assistants was as follows: General repairs to water and sewer systems at Mammoth; at Thumb Auto Camp enlarged water main, laying 4200 ft. 4-inch G.I. water pipe, 1000 feet 2-inch pipe, 100 ft 1-inch pipe, 80 ft. 3/4-inch pipe, and 1200 feet 6-inch tile sewer pipe; built two comfort stations, 16 flush toilets installed, also urinals and wash basins.

General Sanitation

Six chlorine machines for six septic tanks were operated during the month. Forty-five samples of water and sewage for bacteria analysis and three samples of water for sanitary chemical analysis were collected. Investigations were made of comfort stations and privies at Apollinaris Spring, Norris Junction, Iron Spring, Upper Basin Auto Camp, Fishing Bridge, Mammoth Paint Pots and the Thumb. Plans were prepared for the sewer system at Camp Roosevelt and for the septic tank of the transportation garage at Gardiner. Investigations were made of the Gardiner water supply and water supplies for the Upper Basin swimming pool, and for the Norris Ranger Station. Investigated methods of cleaning the swimming pools at Upper Basin and at Mammoth, and the DeFields' dairy was inspected. Made investigations of the sanitary conditions at Camp Lewis and Camp Roosevelt. Collected data on garbage and refuse disposal at the Canyon and Lake Hotels.

Machinery and Equipment

The Master Mechanic and his assistants made repairs to trucks and cars as needed.

The Blacksmith did horseshoeing and general repairs to all equipment.

Painting Department

The following work was done by this department during the month: painted roofs, refinished 2 rooms in C. Stinnett's quarters, painted front and back porch on Wiggins' and Enochs' quarters; painted signs, and did miscellaneous work about buildings in Mammoth.

General Landscape Work

Curiously the principal landscape work done during the month was accomplished by the Master Plumber in his work of completing the new West Thumb auto camp. The laying out of the roads from this camp was an artistic piece of work, and as the camp now stands completed it is one of the most beautiful as well as one of the most useful camps we have.

No new work was accomplished under our general roadside cleanup program but the friend of the Park who is supplying the money for this work has authorized an expenditure of \$5000 in cleanup work to be begun early in September. Two crews will be put to work on the 9-1/2 mile section remaining to be cleaned between Mammoth Hot Springs and Norris. The first work to be undertaken will be in the vicinity of Obsidian Cliff.

IV. CONSTRUCTION OF IMPROVEMENTS

Buildings

A carpenter crew of three men began the construction of a log bunkhouse and log stable at Cub Creek on the 16th. As a log mess-house was built at this place three years ago, the completion of these two structures will complete the housing unit for the road crew at this station. The log work on the bunkhouse is finished and about half finished on the stable. A log bath house 12 x 16 feet in size was constructed over the warm pool at this place and is intended for the convenience of campers as well as the road crew.

Roads, Trails and Bridges

Roads: - Project #1 - Firehole Cutoff. No funds appropriated.

Project #2 - Great Fountain Geyser Basin Road. No funds appropriated.

Project #3 - Lake Shore Road. Available appropriation \$60,000.00.

This project is the reconstruction of the old Lake Shore Road, approximately 11 miles in length between Arnica Creek and Bridge Bay.

The job being done partly by contract and partly by force account. A force account crew in charge of foreman Enoch worked during the month on the Bridge Bay end, grading, clearing right of way and installing culverts.

Following is the estimate of work completed to date:

	Unit	July	August	Total
Excavation, common	cu.yds.	4420	9460	13880
Overhaul	cu.yds.	6100	7182	13282
	stations			
18" C.M.P. culvert in pl.	lin.ft.	96	70	166
24" C.M.P. culvert in pl.	lin.ft.	84		84
12" C.M.P. culvert in pl.	lin.ft.		306	306
Clearing and grubbing	stations	150	77	227

At the end of the month this crew consisted of the following employees:

1 Foreman	1 Dumpman
1 Cook	2 Axemen
1 Flunkiey	15 Teamsters
1 Blacksmith	7 Laborers
1 Powderman	16 Teams

On the Arnica Creek end of this job a force account crew was engaged clearing right of way during the month. The crew was in charge of Foreman White until August 15th, then turned over to Foreman Casey to permit White to begin concrete wall and culvert construction. The large trees were pulled over by the Holt caterpillar tractor and the smaller ones by teams. The tree trunks were sawed into convenient lengths for handling and hauled into piles outside the right of way. Small trees and green brush were piled outside the slope stakes. After the excavation is completed this material will be repiled in the roadway and burned. Stumps that are too large for burning will be hauled out of sight.

During the month 148 stations were cleared and 140 stations grubbed, making a total to date of 206 stations cleared and 181 stations grubbed.

Following is the personnel of Casey's crew on August 31st:

1 Foreman	1 Power grader man
1 Cook	4 Teamsters
1 Flunkey	6 Axemen
1 Caterpillar operator	2 Laborers
	6 Teams

The firm of McLaughlin & O'Neil, of Livingston, Mont., who have the contract for grading eight miles of this project on the Arnica Creek end made very good progress and were awarded the following estimate for August:

	<u>Unit</u>	<u>Total</u>
Excavation, solid rock	cu. yds.	600
Excavation, common	cu. yds.	8122
Overhaul	cu. yds.	2775
	stations	
Placing 12" C.M.P. culvert	lin. ft.	202
Placing 18" C.M.P. culvert	lin. ft.	122
Placing 24" C.M.P. culvert	lin. ft.	34
Placing 36" C.M.P. culvert	lin. ft.	42

On August 15th a force account crew under Foreman White began work on a reinforced concrete culvert 3'-7" x 5' x 28' over Arnica Creek. This was completed on the 24th and the crew moved to Bridge Bay where work was started on the concrete revetment wall proposed to protect the embankment, where the roadway crosses an arm of the Bay. This wall will be five and one-half feet high overall and 3,000 feet long, and will extend 12 inches above the roadway to act as a curbing.

Work Done:- 950 linear feet of excavation made for footings; 240 linear feet of footing poured and 100 feet of movable forms built.

The crew consisted of: Foreman, cook, 8 men and one team.

Project #4 - South Entrance Road. Reconstruction 1-1/4 miles. Appropriation \$10,000.00. Authority has been granted to transfer this fund to Reconstruction of the Inspiration Point Road.

Project #5 - Teton Forest Road. Reconstruction 9 miles. No appropriation.

Project #6 - Madison Junction-Old Faithful Road. Reconstruction 2 miles. Completed in July 1925.

Project #7 - West Thumb-Arnica Creek Road. Reconstruction 1 mile. A force account crew in charge of foreman Weisgerber continued work on this project all the month. It was hoped this job would be completed by the end of August, but labor troubles, together with the heavy travel during the hours of the day when work was being done, greatly retarded the progress.

The estimate of work completed is as follows:

	Unit	July	August	Total
Excavation, solid rock	cu.yds.	5700	1228	1928
Excavation, loose rock	cu.yds.	550	800	1350
Clearing	acre	1/2		1/2

The following employees were engaged on the work at the end of August:

1 Foreman	1 Powderman
1 Cook	3 Teamsters
1 Compressor operator	4 Laborers
	3 Teams
2 Jackhammer men	
1 Blacksmith	

Project #8 - Canyon Junction-Tower Junction Road. 1 mile reconstruction, 4 miles surfacing. No funds appropriated.

Project #9 - Tower Junction-Hammoth Road. Reconstruction 4 miles; surfacing 4 miles.

Unit #1 - Completed in July 1925

Unit #2 - Appropriation \$12,000.00. No work begun.

Project #10 - East Entrance Road. Reconstruction 7 miles; surfacing 3 miles. No funds appropriated.

Project #11 - Mount Washburn Road. Surfacing 2 miles. Appropriation \$12,000.00.

Authority has been granted to transfer this fund to the reconstruction of the Inspiration Point Road.

Project #12 - Soda Butte Road. Surfacing 1 mile. No funds appropriated.

Project #13 - Bechler River Road. New construction 30 miles. No funds appropriated.

Reconstruction of the Inspiration Point Road. This road is approximately 2 miles in length and is located along the north rim of the Grand Canyon in Yellowstone Park. The congested condition of this road during the present tourist season made it imperative that some action be taken at once to relieve the dangerous condition of an overcrowded narrow road.

Authority was asked and granted to reallocate the sum of \$10,000.00 allocated to Project No. 4, and \$12,000.00 allotted to Project No. 11. A survey was made, plans and specifications prepared and proposals asked for, to be opened on September 9.

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Trails

The foot trail paralleling the loop road through Black Sand Basin which was reported as under construction last month was completed about the 20th. It is four miles in length. Four miles of new trail including a foot bridge over Tower Creek was also constructed in the Tower Falls District. This job was accomplished by a small band of Eagle Scouts from Montana and Idaho under the leadership of Mr. E. G. MacLay of Great Falls. Hon. Louis C. Cramton, Member of Congress from Michigan, presided at the dedication ceremonies for this the second link of the Eagle Scout trail.

Bridges

Crawfish Creek Bridge: a 54-foot steel bridge was erected over Crawfish Creek. Reinforced concrete abutment and wing walls were constructed and approaches excavated at both ends. The new bridge is located just below the old structure which permitted the road to be straightened at the crossing. The steel bridge erected is one that was removed from a location on the Gardiner River several years ago. In connection with this job the old log bridge was removed and the site cleaned up. The new bridge was opened to travel August 28th.

Electrical & Telephone Systems

Norris-Lake Telephone Line: Good progress was made on the construction of the Norris to Lake telephone line and by the end of the month this job was completed to Alum Creek, a distance of 14 miles. The two old

lines were taken down, all wire insulations and cross arms were salvaged but the poles are of no use except for firewood. From Norris to the Canyon Junction two 4-pin cross arms and eight wires were strung but from Canyon Junction to Lake Hotel only one 4-pin cross arm and 4 wires will be strung. At the Canyon a spur line about one mile in length was run from the main line to the hotel, and off of this branch another spur was built to the store and ranger station and extended over the Yellowstone River to the Canyon Camp.

V. PROTECTION DEPARTMENT

Forest Fires

A small fire occurred on the Yellowstone River about 4 miles from the bridge on the Cooke City Road. About 1/4 of an acre was burned over and a few trees were killed. The fire occurred on the 23rd and originated from a camp fire left by a fisherman. It was promptly reached by rangers Bauman and Rynearson from Tower Falls Station who extinguished it in about 4 hours.

Forest Insects and Insect Control

The sawfly caterpillars, which have been causing serious damage to the lodgepole pine in the vicinity of West Yellowstone, have become very scarce. Part of the 1924 brood of caterpillars did not transform to adult sawflies this spring but remained in the cocoons on the ground just under the needles. These probably will transform to sawflies next spring which will lay eggs for a partial brood of caterpillars for 1926.

The needletyer caterpillars are almost as common as last year. They are doing considerable damage to trees outside of the sprayed areas.

Scattering lodgepole pine in the camp sites at West Thumb, The Lake, Fishing Bridge, and on some of the formation areas, as the Mud Volcanoes, Roaring Mountain and the Norris Geyser Basin, are being attacked by the Oregon barkbeetle (*Ips oregoni*) and the Monterey pine barkbeetle (*Ips radiatae*). These infested trees are being located and marked for treatment.

Flowers

Flowers are almost gone. Asters are now the most showy objects. Lingering fleas-lanes, fireweeds, paint-brushes, hare-bells and golden rods are seen. A feeble second bloom of lupine, woolly-leaf daisy, (*Eriophyllum*), Nama, *Sierverais*, is noted. Sage-brush and rabbit-brush are in full bloom. Fruits of *disporum*, Oregon grape, bear berry and lane berry are now brilliant. Colored leaves of strawberry, fireweed and wild geranium are attracting attention, and a few aspens have turned yellow.

Birds

Flocks of Brewer's blackbirds are frequently seen and bluebirds are abundant. The pet crows at Tower Falls Station are of much interest to tourists, especially to photographers.

General Conditions of Wild Animals

Wild animal and forage conditions are excellent. The forage crop is unusually good at all points and should be more than sufficient for our winter season requirements.

Elk, deer, antelope, sheep and moose have been often seen during the month by rangers on patrol. There has been no observable drift from their summer range to date. They are all in splendid condition.

Twenty-three sheep were recently counted on Upper Slough Creek and the following moose counts have been recently submitted:- Upper Slough Creek 20; Tower Falls District 3; Upper Yellowstone 8 - consisting of 3 cows, 2 calves and 3 bulls, total 31.

Buffalo - Lamar River Herd: A round-up of the bulls and steers of this herd was had on the 30th when they were brought down to the ranch for show purposes as a feature attraction of the Buffalo Plains Week activities. This band comprises approximately 300 individuals. A full count of the 1925 calf crop will be submitted at the earliest practicable date. The herd is in fine condition.

Buffalo - Cold Creek-Pelican Flats Herd: There is nothing of interest to report at this time.

Bears: The usual late season drift of the bear from their summer feed grounds is apparent at all points. However, they are still regularly seen in reduced numbers at the garbage dumps and along the highways. The attraction of the berry patches is considered to largely account for their movements at this season of the year.

Small Animals: Marmots are seen in decreasing numbers as the season advances. Beaver have been unusually active at all points. Other small animals of the fur bearing variety have been rarely seen during the month.

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Dogs

706 dogs were admitted during the month subject to the condition that they be kept on leash or crated at all times while in the park. The season total to date is 1796, as compared with 1743 to September 1st of last year.

Buffalo and Other Ranch Operations

Ranch activities during the month have consisted primarily of hay harvesting; most of the hay has been recently stacked and the correct tonnage cannot be determined at this time. The tonnage at the various ranches will be indicated in the September report.

Fish and Fish Planting

Reports from exit stations show a total of 15,255 fish taken from the lakes and streams of the park during the month of August, which,

together with 4363 reported for the month of June and 21192 reported for the month of July, makes a total of 40,810 for the season to date. This figure does not include the catch by rail tourists or summer residents of the park. The total catch to September 31st last year was 48,806.

Fish planting operations have been generally in charge of the Bureau of Fisheries. The plants during July have been reported; the figures for the plants made in August are not available at this time but will be submitted in the September report with detail of the season's activities.

Arrests and Violations of Law

Nine arrests were made during the month. Minor infractions of park regulations were numerous as usual, particularly those relating to traffic. They were dealt with according to the nature of the offense. Some merited and received reprimands, others were informed and cautioned.

Hearings were had before the United States Commissioner in the following named cases, to wit:

U.S. vs. Robert R. Esgar, Yellow Bus Driver #91

Charge: Speeding

Disposition:- Fined \$10 and costs.

U.S. vs. Lyle Tytler, Yellow Bus Driver #86

Charge:- Speeding

Disposition:- Fined \$10 and costs.

U.S. vs. Carl Zeiler, Yellow Bus Driver #63

Charge:- Speeding

Disposition:- Fined \$10 and costs.

U.S. vs. William E. Boston, Jr., Yellow Bus Driver #202

Charge:- Speeding

Disposition:- Fined \$10 and costs.

U.S. vs. Lawrence E. Harney, Yellow Bus Driver #105

Charge:- Speeding

Disposition:- Fined \$10 and costs.

U.S. vs. Arthur Dickie, Park Service Employee.

Charge:- Drunken and disorderly conduct.

Disposition:- Fined \$10 and costs.

U.S. vs. Lewis C. Pleiss of New Albany, Ind.

Charge:- Defacing Old Faithful Geyser Formation

Disposition:- Fined \$10 and costs.

U.S. vs. E. H. Askin and Venora Askin of Cordell, Okla.

Charge:- Defacing Old Faithful Geyser Formation.

Disposition:- Fined \$10 each, total \$20 and costs.

U.S. vs. A. M. Haaga of Kenilworth, Utah.
Charge: Speeding
Disposition: Fined \$20 and costs.

Accidents and Casualties

Re. Ernest Hansen, Employee of the Jardine Mining Company, Jardine, Mont.; Home address Brown Valley, Minn. The dead body of Mr. Hansen was found on the bottom of the Mammoth swimming pool at Mammoth Camp, Yellowstone Park Camps Company on the evening of August 16, 1925, about 7:00 p.m. It was found by John Brady, manager of the pool, following a search to locate the owner of some articles of men's clothing found by him in one of the lockers at the time. The pool had not been in use for about two hours. Mr. Hansen rented a bathing suit and entered the water about 5 p.m. He was alone in the pool at the time. Several visitors passed in and out of the inclosure between 5 and 7 p.m., and the manager or his assistant were present at all times. The exact time and cause of death is unknown. The body was lying on its right side with arms and legs in a relaxed position. There was no evidence of a struggle. The remains were removed to the Yellowstone Park Hospital where funeral arrangements were made. The body was taken from the pool by Jack Beatty and Charles Hildreth, employees of the Camps Company, in the presence of Mr. Vernon Goodwin and Mr. E. H. Moorman, Camps Company officials. Mr. Hansen was recently a patient at the Yellowstone Park Hospital but had been discharged a few days prior to his death.

Re. Harry Simmons, address 331 Champion St., Toledo, Ohio. The Ford roadster driven by Mr. Simmons was damaged in a collision with N.P.S. truck #511. The damage consisted of a broken wind shield valued at \$6.00. He was reimbursed in the amount of his claim. The incident occurred on August 2nd.

Re. Mr. Eli Jukish of Jardine, Mont. Mr. Jukish was proceeding from Gardiner to Cooke City, Mont., on the morning of August 2nd about 7:30 a.m. and upon reaching a point about 1 mile above Gardiner, on the Gardiner to Mammoth highway he attempted to pass the Cooke City Stage which was proceeding in the same direction. There appears to have been abundant clearance with every chance of passing safely. He was rounding a curve, however, at apparently excessive speed, resulting in his car leaving the road and turning over. The other occupants of the car were Julia Thompson, Howard Thompson, Phyllis Dewing and Edith Dewing, all of Jardine, Mont. Mr. Jukish and Mr. Thompson incurred cuts, bruises and fractured bones. The girls suffered minor injuries and shock. They were removed to the hospital at Mammoth Hot Springs for treatment. Mr. Jukish was driving a new Dodge touring car, Montana license #70234. The car was badly wrecked.

Re. Mr. J. E. Eddleman of Bayard, Neb. - Dodge car, Nebraska license #64416. Mr. Eddleman incurred minor damages to his car as the result of a collision with Yellow Bus #302 on the east slope of Sylvan Pass. A full

report on this matter was submitted by the parties in interest and the claim of Mr. Eddleman is now in process of adjustment. The incident occurred on August 6, 1925.

Re. Mr. W. S. Cornell of Manistique, Mich., - Ford Coupe, license #713862, Permit #5736. Mr. Cornell had a near collision with an unidentified car when it passed him from the rear on the Basin to Thumb highway about 1 p.m., August 11th, 1925. The car of Mr. Cornell left the road and proceeded down an incline where it turned over causing minor personal injuries to Mrs. Cornell and damages amounting to \$80. No exact information could be obtained regarding the persons charged with responsibility for the injury and damage.

Re. Yellowstone Park Camps Company Ford Truck. This truck turned over on the Mammoth-Tower Falls Road at hairpin turn on the east fork of Elk Creek. The damage consisted of broken left front wheel, left rear tire blown out and top and windshield broken. There were no personal injuries. The truck upset on the turn while en route to Camp Roosevelt about 6:30 p.m. August 12th. The truck was driven by Joe Williams.

Re. Mrs. E. Atkinson of 6226 St. Charles Ave., New Orleans, La., driving Pierce Arrow car license #16506, Permit #29376. Minor damages were reported to the above car when it collided with the Yellowstone Park Transportation Company's Yellow car #704. The incident resulted from the wet and slippery condition of the road and occurred on the Cody road about 15 miles from Sylvan Pass Station. It appears to have been an unavoidable accident and no claims for damages have been made.

Re. Mr. H. E. Mead of Salt Lake City, Utah, Ford car license #44605, permit #16162. Mr. Mead lost control of his car on sharp curve at 10-mile post, Old faithful to Thumb road, August 8, 1925, resulting in his car turning over. There were no personal injuries and only slight damage to the car.

Re. Mr. A. Micheli of Williston, North Dakota, driving Hudson Coach, license #41478, permit #16430. Mr. Micheli lost control of his car on rounding curve at Gardiner River on Tower Falls to Mammoth road. The car left the road and proceeded down a steep incline for a distance of about 450 feet. The car was badly damaged. Mr. Micheli sustained minor injuries; he was accompanied by Mr. Wilfred C. Owens who was not injured. The incident occurred about 1:30 p.m., August 10th, 1925.

Re. Mr. H. G. Green, driving Ford car, Arizona license #5960, permit #28860. Mr. Green was involved in a collision with a Dodge car, Kansas license #132595, permit #16887, driven by Mr. Luther Hye of Dodge, Kansas. Mr. Hye admitted full responsibility and settled with Mr. Green in the amount of his claim.

Re. Mr. Virgil Dumber of Pateras, Wash., driving Buick car, Wash. license #191666, permit #16832; Mr. R. M. Wilsie of Lathair, Mont.,

driving Ford car, license #34885, permit #29342. Involved in collision near Mud Geyser, Lake to Canyon road. Minor damages resulted to both cars and Mrs. E. M. Wilsie was slightly injured. No claims for damages were made by either of the parties in interest.

Re. Gerald McKenzie, age 15, of Heniston, Ore., - personal injuries, resulting from a fall on the trail near Tower Falls. His injuries consisted of a broken arm. The incident appears to have been entirely accidental; the boy was frail, and it appears that his arm had been broken on previous occasions in like manner. He received immediate first aid at Camp Roosevelt and was later attended by Dr. Windsor at the Yellowstone Park Hospital.

Re. Vincent Steck of 205 Forty-eighth St., Milwaukee, Wis., driving Chevrolet car, California license #663224, permit #17162, and

Mr. E. F. French of Wichita Falls, Texas, driving Buick car, license #249356, permit #30116. Involved in collision on east slope of Sylvan Pass, resulting in damages to Mr. Steck's car estimated at \$68.60. There were no witnesses other than the parties in interest whose statements regarding the incident were in direct conflict in all essential particulars. Insistent claims by Mr. Steck for a forced settlement of his damages were referred to the United States Commissioner for Yellowstone Park who advised that he had no jurisdiction in the matter but proposed a compromise settlement which was rejected. Civil proceedings in the proper jurisdiction will probably be instituted.

Re. Joseph J. Boyd, Park Service employee - personal injury. Injury occurred on August 16, 1925, about 4:30 p.m., in line of duty. He was cutting limbs from a tree and a piece of dead limb struck the left eye causing traumatism and possible ulcer of the cornea. Probable duration of disability 2 weeks.

Re. Sam Holmes, Park Service employee - personal injury. Injury occurred on August 12, 1925, about 8:00 a.m., in line of duty; he was pulling a log with a team and the log hit back, striking Mr. Holmes and causing contusion of the back. Probable length of disability 2 weeks.

Re. Archie Adams, Park Service employee - personal injury. Injury occurred on August 4, 1925, about 4 p.m., in line of duty, and was caused by falling in brush by roadside while working, and lifting, resulting in swelling, tenderness and weakness of muscles of lower right abdomen. Probable duration of disability 2 weeks.

Re. John A. Anderson, Park Service employee - personal injury. Injury occurred on August 9, 1925, about 8:15 p.m., in line of duty, while putting in a brace in horse barn. He had his hand on a log near a point where some chopping was needed and another workman who was using the ax accidentally struck the hand severing the first finger between the first and second joints. Probable duration of disability 3 weeks.

Re. M. L. Bruce, Park Service employee - personal injury. Injury occurred on August 1, 1925, about 9 a.m., in line of duty, and was caused by foot slipping while lifting powder box from wagon, resulting in acute right inguinal hernia. Probable duration of disability 2 weeks.

Re. Peter Hydeen, Park Service employee - personal injury. Injury occurred on August 9, 1925, about 4 p.m., in line of duty, and was caused by fall from hayrack, resulting in dislocated left shoulder with lacerated ligaments and muscles. Probable duration of disability one month.

Re. Curtis L. Stelley - Park Service employee - personal injury. Injury occurred on August 26, 1925; he was lifting a piece of timber which dropped and a rusty nail in same entered his finger, resulting in a mild form of blood poisoning; duration of disability indefinite.

Special Incidents

Re. J. A. Hegg, wife and daughter, Oelrichs, S. Dak.

The above named persons registered on August 3, 1925, at the East entrance, Yellowstone National Park, and were issued auto permit #27569. They were driving an Essex car, South Dakota dealers' license, motor number 315,427, body number 247592. Mr. Hegg was registered by Park Ranger William Emms. He was apprehended immediately thereafter by Park Ranger Roby Roy Wisdom, after he had been identified as one John A. Myers of Plankinton, S. Dakota, the alleged wife and daughter being the wife and daughter of one Joe Blair of Plankinton, S. Dak. Mr. Myer and his party were escorted to Mammoth Hot Springs by Park Rangers, and upon his arrival at headquarters admitted his identity, whereupon he was advised that charges alleging wife and child desertion had been preferred against him in South Dakota and that he would be detained pending the arrival of an officer. He was delivered into the custody of Mr. G. A. Saville, Sheriff of Plankinton, S. Dak., on August 6, 1925.

VI. MUSEUM, NATURE GUIDE WORK, EDUCATIONAL WORK.

Conduct of museum

Classification of exhibits, labeling, etc.: The outstanding feature of cooperation has been the part taken by Mr. J. E. Haynes, Official Photographer, who has been designated Acting Director of the Yellowstone Park Museum, during the last three days of the month in adding to the displays and rearranging them, directing the labeling of specimens and in supervising generally the beginning of a comprehensive realignment and building up of the Museum.

Acquisitions: Some relics of early settlers, Indian relics and various geological specimens have been acquired.

Visitors: The number of visitors for the month is estimated at 12,725, and the largest number visiting the Museum in one day is 900.

Nature Guide Service

The ranger guide service at Mammoth Hot Springs and Old Faithful as outlined in the July report has continued on regular schedules throughout the month, and the guide party totals for the month are as follows:

Old Faithful Hotel	5373;	Old Faithful Camp	8460;	total	13,833
Mammoth Hotel	2171;	Mammoth Camp	2752;	total	4,923
					<u>18,756</u>

The guide party totals at these points for August 1924 are quoted for comparative purposes as follows:

Old Faithful Hotel	4474;	Old Faithful Camp	6788;	total	11,262
Mammoth Hotel	2118;	Mammoth Camp	3001;	total	5,119
					<u>16,381</u>

The nature guide service at Tower Falls, as outlined in the July report, reports attendance by park visitors this season to date as follows:

Nature talks at Camp Roosevelt prior to August 1st, 646, and during the month of August 475; total 1121.

Nature hikes in Tower Falls District, prior to August 1st, 672, and during the month of August 403.; total 1075.

The nature hikes at Mammoth Hot Springs, which are included in the guide party totals at this point, have been well attended; the total of these parties to August 1st, was 602; the total for August is 1089, making a total of 1691 this season to date.

Public interest in the lecture service at Mammoth Hot Springs and Old Faithful has been evidenced by record attendance throughout the season at both points.

Lectures, Number and Attendance

Three lectures are given each evening - one each at the Hotel, Permanent Camp, and Public Auto Camp. The attendance was as follows:

Mammoth auto camp and permanent camp,	11,345
Mammoth Hotel	6,200 (estimated)
Total	<u>17,545</u>

Tower Falls:- one to several nature talks are given daily, dealing with the flowers, characteristic wild life, forms and natural history generally of the park. Attendance was as follows: 595 (estimated).

Old Faithful: One lecture given at permanent camp every evening; total attendance 7750.

Canyon: One lecture on bears is given each evening at the bear dump; attendance 13,950 (estimated); total for all lectures 39,840.

Buffalo Corral and Zoo - Mammoth Hot Springs:

Two cub bears, black and brown, and a yellow-haired porcupine were added to the Zoo during the month. The animals now on exhibit at this point consist of the following: 12 adult buffalo bulls, 1 buffalo calf, 28 elk, 2 adult bear - black and brown; 2 bear cubs - black and brown, 4 coyotes, 1 badger, 1 porcupine, which, together with the Buffalo Jones Museum, form an interesting group of attractions that have been visited this season to date by approximately 2300 park visitors in June, 15,500 in July and 20,150 in August; total 37,950, as compared with 6,000 in June, 12,400 in July and 16,200 in August; total 34,600 for the same period last year.

VII. MISCELLANEOUS

Medical Service

During the month of August Dr. Strickland reports 41 professional calls on park people and 112 office calls.

Post Office

The business in the post office showed a slight decrease (about 3%) over the same period last year. This, in view of the slight increase in travel, indicates for the first time this summer a probable decrease in mailings on account of the increased rate for picture postal cards. Gross receipts showed a substantial increase over any previous year. Business for the carriers shows a constant increase.

Religious Services

Services were held in the chapel at headquarters during August in accordance with schedules, with one exception. Instead of the English Lutheran service scheduled for the morning of August 16th, the service was held as a Presbyterian service by Dr. Francis Pitt of Highland Park, Ill.

The services held during the month were as follows: Roman Catholic every Sunday morning at 6:00 o'clock and 8:00 o'clock; English Lutheran Sunday morning and Sunday evening on August 2nd and August 9th, and on the morning of August 30th; Presbyterian on the morning of August 16; Baptist on the evening of August 16th; Episcopal on the morning and

also evening of August 23rd. Both services were conducted by Rt. Rev. H. H. H. Fox, Bishop of Montana, and at present Acting Bishop of Idaho. Methodist services were held on the evening of August 30th. The services, were, as a rule, fairly well attended by Park travelers.

Cordially yours,

HORACE M. ALBRIGHT
Superintendent.

The Director,
National Park Service,
Dept. of the Interior,
Washington, D.C.

AEM

DEPARTMENT OF THE INTERIOR.
NATIONAL PARK SERVICE—YELLOWSTONE NATIONAL PARK.

CHIEF RANGER'S MONTHLY TRAVEL REPORT, MONTH OF August 31, 1925., 192

	NORTH.		WEST.		EAST.		SOUTH.		ALL TRAIL ENTRANCES.		SUMMARY.	
	Cars.	People.	Cars.	People.	Cars.	People.	Cars.	People.	Horses.	People.	Cars.	People.
Automobile permits issued	2527	8182	3247	11,211	4287	14,093	1095	2592			11,156	37,078
Automobile permits issued (complimentary)	11	27	7	19	7	23	11	29			54	98
Cars entering second time	266	876	243	870	143	501	94	300			749	2547
Motor-cycle permits issued	11	16	7	11	12	15	4	7			34	49
Total	2815	9101	3507	12,111	4449	14,632	1204	2928			11,975	39,772
Passengers in horse-drawn vehicles												
Passengers on horseback		77		21		46		2				146
Passengers on bicycles												
Passengers on foot												
Total incoming passengers with private transportation	2815	9178	3507	12,132	4449	14,678	1204	2930			11,975	39,918
WITH HIRED TRANSPORTATION.												
Yellowstone Park Transportation Co		5816		7519		2763		12				16,110
Total incoming passengers with hired transportation												
TOTAL INCOMING PASSENGERS	2815	14,994	3507	19,651	4449	17,441	1204	2942			11,975	56,028

Total automobiles in public camping grounds	24,498	Total passengers Cooke City stage		SEASON TOTAL END OF LAST MONTH	18,821	85,498
Total automobile campers in public camping grounds	86,192	Total visitors Cave Falls—Beehler River Region		SEASON TOTAL TO DATE	30,796	141,526